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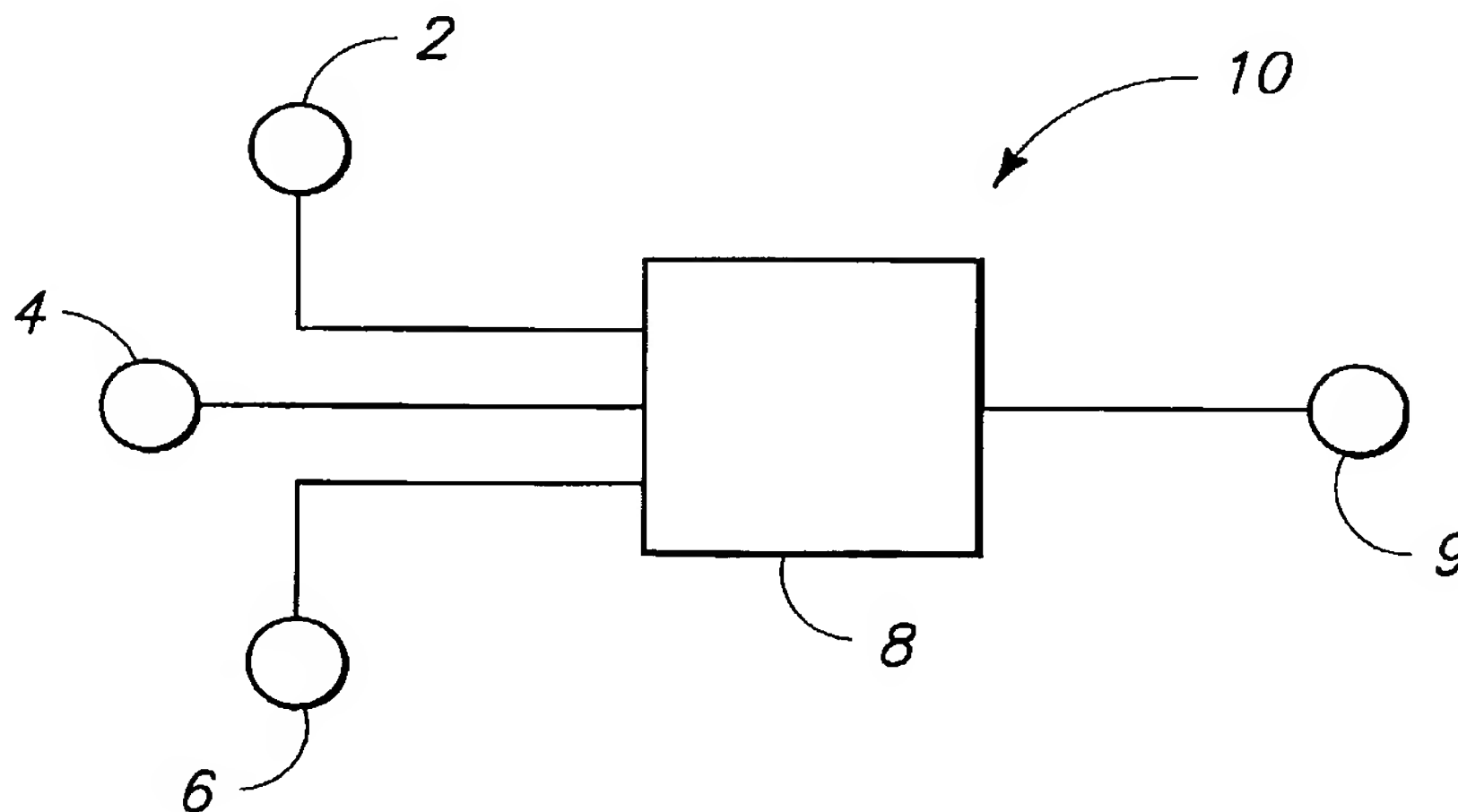
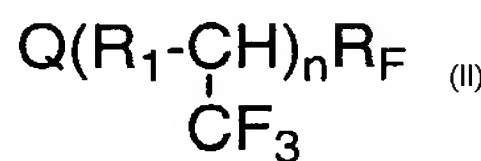
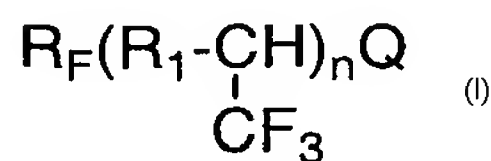
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(54) Title: COMPOSITIONS, HALOGENATED COMPOSITIONS, CHEMICAL PRODUCTION AND TELOMERIZATION PROCESSES



(57) Abstract: Compositions are provided that can include  $R_F(R_T)_nQ$ , formula I (I), formula II (II), and/or  $R_{Cl}(R_T)_nH$ . The  $R_F$  group can have four fluorine atoms, the  $R_T$  group can include a C-2 group having a pendant  $-\text{CF}_3$  group,  $n$  can be at least 1, the  $R_1$  group can include a carbon atom, the  $R_{Cl}$  group can be  $-\text{CCl}_3$ , and the  $Q$  group can include one or more atoms of the periodic table of elements. Telomerization processes are also provided.

**Declarations under Rule 4.17:**

- *as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii)) for all designations*
- *as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii)) for the following designations AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW, ARIPO patent (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM,*

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